

Product datasheet for R1103P

Pancreatic Islet Lysate Dog Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Suitable for Immunoblotting (Western or Dot blot) and ELISA. <u>Recommended Dilutions:</u> This product has been assayed against 1.0 ug of Pancreatic Islet Lysate [Porcine Pancreas] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Dog IgG [H&L] (Goat) and o-Phenylenediamine (OPD) as a substrate. A working dilution of 1:50 to 1:100 is suggested for this product. This product has been assayed against 1.5 ug of Pancreatic Islet Lysate [Porcine Pancreas] per lane by Immunoblot (Western) under reducing conditions of SDS-PAGE prior to transfer to nitrocellulose and detection using Peroxidase conjugated Affinity Purified anti-Dog IgG [H&L] (Goat) and Diaminobenzidine (DAB) as a substrate. A working dilution of 1:50 to 1:200 is suggested for this product.
Reactivity:	Porcine
Host:	Dog
Clonality:	Polyclonal
Immunogen:	Sonicated crude membrane fraction of porcine pancreatic islets of langerhans cells.
Specificity:	This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Dog Serum. Cross reactivity was determined by immunoblot (western) to be minimal against porcine kidney and porcine liver cell lysates.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 0.01% (w/v) Sodium Azide as preservative. State: Ig Fraction State: Liquid (sterile filtered) purified Ig fraction.
Concentration:	lot specific
Purification:	Multi-step process.
Conjugation:	Unconjugated



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Storage:	Store vial at -70°C prior to opening. For extended storage aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing. Dilute only prior to immediate use.
Stability:	Shelf life: one year from despatch.